

Noxious Weeds and Regulated Plants of Montana

Montana Field Guide

Note

These PDF versions of the Montana Field Guide are intended to assist in offline identification and field work. They are not intended to replace the live Field Guide, as that version contains more information and is updated daily.

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Russian Knapweed - *Acroptilon repens*

http://FieldGuide.mt.gov/detail_PDASTD2010.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Rhizomatous perennial. Stems ascending to erect, branched, 30–70 cm. Herbage: stems tomentose; leaves glabrate, punctate beneath. Leaves cauline, alternate, petiolate; blades oblanceolate, entire to pinnately lobed, 3–10 cm long, becoming smaller and sessile above. Heads discoid; involucre broadly ovoid, 9–15 mm high; phyllaries broadly ovate, green or tan below, scarious above, sharp-pointed, well imbricate in several series; receptacle flat with fine scales. Disk flowers perfect, light purple (white); corolla 11–14 mm long, slender with an expanded limb; style branches united almost to the tips. Pappus deciduous flattened bristles with plumose tips. Achenes ellipsoid, glabrous, 2–4 mm long (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Habitat

Fields, grasslands, meadows, roadsides, most often on stream terraces; plains, valleys (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Hoary False-alyssum - *Berteroa incana*

http://FieldGuide.mt.gov/detail_PDBRA0B010.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Annual. Stems erect, 20–75 cm, usually branched below and above. Basal leaves petiolate, oblanceolate with entire margins, soon deciduous. Stem leaves similar, sessile, erect, 1–3 cm long, reduced above. Vestiture of dense, stellate, appressed trichomes. Inflorescence a narrow, simple or compound, many-flowered raceme. Flowers white; sepals 2–3 mm long; petals 4–6 mm long. Fruit elliptic, inflated, 4–7 mm long, with stellate trichomes; mature style 1–2 mm long; pedicels 4–7 mm long; seeds 3–7 per locule (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Habitat

Fields, roadsides; plains, valleys, montane (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Cheatgrass - *Bromus tectorum*

http://FieldGuide.mt.gov/detail_PMPOA151H0.aspx



Regulated Plants

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Annual bunchgrass. Stems 20–50 cm. Leaves: blades 2–4 mm wide. Inflorescence an open, often nodding panicle 2–15 cm long. Spikelets 10–17 mm long, with 3 to 6 florets. Lemmas 9–12 mm long, gradually tapered into two narrow teeth; awn straight or twisted, 12–20 mm long (Lavin in Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Habitat

Roadsides, overgrazed rangeland and sagebrush steppe, and open dry understory (Lavin in Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Flowering-rush - *Butomus umbellatus*

http://FieldGuide.mt.gov/detail_PMBUT01010.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: G5

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Perennial scapose herb from a fleshy rhizome. Herbage glabrous. Leaves mainly basal, 2-ranked, ascending to erect, linear, 4–8 mm wide. Inflorescence an umbel enclosed by 3 ovate, purplish bracts, reflexed at anthesis; pedicels unequal, 1–9 cm long; scape 3-angled, 50–100 cm. Flowers perfect, regular; sepals 3, green; petals 3, pinkish, 8–12 mm long; stamens 9; ovaries superior; pistils 6. Fruit many-seeded, beaked follicles, 8–10 mm long (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Habitat

Marshes, wetlands and slow-moving water along riverbanks.

Diffuse Knapweed - *Centaurea diffusa*

http://FieldGuide.mt.gov/detail_PDAST1Y060.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Annual to rarely short-lived perennial. Stems ascending to erect, branched, 30–50 cm. Herbage puberulent to sparsely tomentose, glandular-punctate. Leaves petiolate below, the lowest deciduous; blades oblanceolate, 1–15 cm long, deeply pinnate to bipinnate into linear lobes. Inflorescence paniculate. Involucres ovoid, 10–13 mm high; outer phyllaries ovate, striate, green, tan above, spiny-margined; inner linear-lanceolate. Disk flowers 25 to 35, white, sometimes purple above; the outer slender, inconspicuous; inner corollas 12–13 mm long. Achenes 2–3 mm long; pappus absent or inconspicuous (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Habitat

Stony soils of roadsides; valleys (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Yellow Starthistle - *Centaurea solstitialis*

http://FieldGuide.mt.gov/detail_PDAST1Y0S0.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Annual. Stems winged, erect, simple or branched above, 10–80 cm. Herbage scabrous, tomentose. Leaves short-petiolate, deciduous below; blades linear-ob lanceolate, 5–15 cm long, the lower pinnately lobed. Inflorescence solitary heads in corymbiform arrays. Involucres ovoid, 13–17 mm high; phyllaries pale green; the outer ovate, the tips with a long, spreading spine and several smaller bristles; inner lanceolate with swollen tips. Disk flowers yellow; the outer and inner similar; corollas 13–20 mm long. Achenes 2–3 mm long; pappus of bristles or absent (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Habitat

Fields, grasslands, roadsides; valleys (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Spotted Knapweed - *Centaurea stoebe*

http://FieldGuide.mt.gov/detail_PDAST1Y140.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Perennial. Stems erect, branched, 25–100 cm. Herbage sparsely tomentose, glandular-punctate. Leaves long-petiolate below; blades ovate, 3–12 cm long, deeply pinnately 1 to 2 times divided into linear-oblongate lobes. Inflorescence corymbiform with several heads. Involucres ovoid, 8–13 mm high; phyllaries green, striate, sparsely glandular; the outer ovate with white to brown fringed tips; inner lanceolate with swollen tips. Disk flowers 30 to 40, rose-purple (white); the outer enlarged, asymmetrical; inner corollas 12–15 mm long. Achenes 3–4 mm long; pappus of deciduous, stiff bristles (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Lesica (2012) treats this as *C. maculosa* Lam. Ours is subspecies *micranthos*, a tetraploid perennial which has been introduced across North America.

Habitat

Grasslands, roadsides, meadows, open forest, woodlands; plains, valleys, montane (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Rush Skeletonweed - *Chondrilla juncea*

http://FieldGuide.mt.gov/detail_PDAST26010.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Taprooted perennial with milky sap. Stems ascending to erect, branched, 25–100 cm. Herbage hirsute to glabrate. Leaves basal and cauline; basal petiolate, oblong, pinnately lobed, sharply dentate, 5–13 cm long, deciduous; cauline alternate, linear-oblong, 2–10 cm long. Heads ligulate, short-peduncled in axils of upper reduced leaves. Involucres 8–12 mm high, sparsely tomentose, subtended by small bracts; phyllaries 5 to 9, linear-lanceolate in 1 series. Ray flowers perfect, yellow, 7 to 15; ligules 4–6 mm long. Pappus capillary bristles. Achenes cylindric, glabrous, ribbed, 3–4 mm long with a 5–6 mm beak (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Habitat

Roadsides, fields; valleys (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Canada Thistle - *Cirsium arvense*

http://FieldGuide.mt.gov/detail_PDAST2E090.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Strongly rhizomatous perennial; individual stems unisexual. Stems erect, often branched above, 30–100 cm. Herbage glabrate; leaves sometimes tomentose beneath. Leaves short-petiolate, oblanceolate to elliptic, 3–15 cm long, dentate to deeply pinnate; lowest usually deciduous. Inflorescence few to several heads per stem in a corymbiform array; peduncles 0–4 cm long. Involucres 1–2 cm high; phyllaries imbricate in 6 to 8 series; the outer ovate with a darkened resinous keel-tip; inner linear; spines short or absent. Disk corollas purple; male 10–16 mm long, longer than the pappus; female 14–18 mm long, shorter than mature pappus. Achenes 2–4 mm long; collar absent (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Habitat

Moist, usually disturbed soil of fields, meadows, thickets, roadsides, woodlands, open forests, often along streams, wetlands; plains, valleys, montane (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Field Bindweed - *Convolvulus arvensis*

http://FieldGuide.mt.gov/detail_PDCON05020.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Rhizomatous perennial. Stems pubescent, prostrate or twining, branched at the base, 20–100 cm long. Leaves glabrous, sagittate, cordate-based, mostly rounded at the tip, 1–5 cm long; petiole 5–25 mm long. Flowers solitary; peduncle 1–5 cm long with a pair of small bracts just below the flower; calyx 3–5 mm long, the segments obovate, overlapping; corolla white or pinkish, 15–25 mm long; stamens included. Capsule 4–7 mm long, 2-locular (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Habitat

Fields, vacant lots, roadsides; plains, valleys (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Common Hound's-tongue - *Cynoglossum officinale*

http://FieldGuide.mt.gov/detail_PDBOR0B070.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Taprooted biennial or short-lived monocarpic perennial. Stems erect, 30–100 cm. Herbage villous. Leaves basal and cauline, petiolate, 7–25 cm long, becoming sessile above; blades oblanceolate to lanceolate. Inflorescence of axillary and terminal racemes; pedicels short, spreading to reflexed at maturity. Flowers: calyx deeply divided, sepals oblong, 5–7 mm long in fruit; corolla salverform, reddish-purple, 4–5 mm long, 6–9 mm across; stamens alternate with the fornicies; style short, entire. Nutlets flattened-ovoid, 4–7 mm long, with barbed prickles, spreading at maturity; scar ovate (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Habitat

Disturbed ground of pastures, fields, roadsides, grasslands, meadows, woodlands, riparian thickets; plains, valleys (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Scotch Broom - *Cytisus scoparius*

http://FieldGuide.mt.gov/detail_PDFAB18060.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Deciduous shrubs 1–3 m. Stems strongly angled, green. Herbage glabrous to pubescent. Leaves nearly sessile, trifoliate below, simple above; the elliptic leaflets 6–15 mm long; stipules absent. Inflorescence: 1 to 3 axillary, pedicelate flowers. Flowers papilionaceous, yellow; calyx tubular, 5–6 mm long, glabrous; sepals unequal; corolla 15–22 mm long; styles curved beyond the keel; stamens 10, 4 longer than the others. Legume linear-oblong, flattened, 25–40 mm long, ciliate on the sutures; seeds several (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Common Viper's-bugloss - *Echium vulgare*

http://FieldGuide.mt.gov/detail_PDBOR0D060.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Taprooted biennial. Stems erect, 20–80 cm. Herbage strigose, hispid with broad-based trichomes. Leaves basal and cauline, petiolate, 6–20 cm long, becoming sessile above; blades linear to linear-ob lanceolate. Inflorescence an elongate, bracteate raceme of helicoid cymes. Flowers showy; calyx hispid, deeply divided, 5–8 mm long; corolla campanulate, blue, sometimes reddish-tinged, 15–20 mm long with 5 unequal lobes; stamens unequal, 4 exerted; style deeply 2-lobed, hairy. Nutlets 2–3 mm long, bullet-shaped, rugose; scar basal, surrounded by a rim (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Habitat

Roadsides, fields, vacant lots; valleys (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Russian Olive - *Elaeagnus angustifolia*

http://FieldGuide.mt.gov/detail_PDELG01010.aspx



Regulated Plants

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Large shrub or small tree to 8 m. Stems thorny; twigs silvery-mealy becoming orange-brown. Leaf blades narrowly lanceolate, 3–10 cm long, white-mealy, silvery beneath, less so above. Flowers: hypanthium tubular, 5–6 mm long, silvery; sepals deltoid, 2–4 mm long, yellow within. Fruit ovoid, 8–15 mm long, becoming green (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Habitat

Woodlands, thickets, riparian forests, moist meadows around wetlands, somewhat tolerant of saline soil; plains, valleys (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Leafy Spurge - *Euphorbia esula*

http://FieldGuide.mt.gov/detail_PDEUP0Q0L0.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Glabrous perennial with spreading roots. Stems erect, 30–80 cm. Leaves alternate, linear-oblong, entire, 2–6 cm long. Inflorescence a terminal umbel with yellow-green, ovate bracts 8–16 mm long; solitary, bracteate cyathia in upper leaf axils. Cyathia 2–3 mm long, the 4 yellowish glands with a lunate appendage. Capsule ca. 4 mm long, nearly smooth (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Habitat

Grasslands, meadows, woodlands, riparian forest; plains, valleys (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Orange Hawkweed - *Hieracium aurantiacum*

http://FieldGuide.mt.gov/detail_PDAST4W090.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Fibrous-rooted from a rhizome; stoloniferous. Stems erect, simple subscapose, 10–70 cm. Herbage sparsely long-hirsute, stellate-hairy, stipitate-glandular above. Leaves mainly basal, petiolate; blades oblanceolate, 3–15 cm long, entire. Heads 3 to 12, clustered; involucre campanulate, 5–9 mm high; phyllaries linear-lanceolate, stellate-hairy, stipitate-glandular, sparsely setose-hirsute. Rays 25 to 100, red to orange; ligules 6–8 mm long. Achenes ca. 2 mm long; pappus white (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Habitat

Disturbed soil of forest openings, rock slides, roadsides, lawns; valleys to lower subalpine (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Meadow Hawkweed - *Hieracium caespitosum*

http://FieldGuide.mt.gov/detail_PDAST4W0B0.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Fibrous-rooted from a short rhizome, sometimes short-stoloniferous. Stems erect, simple, subscapose, 20–80 cm. Herbage long-hirsute, stellate-hairy, stipitate-glandular, sparsely on leaves, densely on stems. Leaves mainly basal, short-petiolate; blades lanceolate to oblanceolate, 3–15 cm long, entire to obscurely denticulate. Heads 5 to 50; involucre campanulate, 6–8 mm high; phyllaries linear-lanceolate, scarious-margined, stellate-hairy, hirsute, densely black setose-glandular. Rays 25 to 50, yellow; ligules 3–10 mm long. Achenes ca. 1.5 mm long; pappus white (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Habitat

Grasslands, roadsides; valleys to montane (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Common St. John's-wort - *Hypericum perforatum*

http://FieldGuide.mt.gov/detail_PDCLU031A0.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Taprooted and rhizomatous. Stems 25–75 cm tall. Leaves lanceolate, 1–3 cm long, black-dotted on the margins. Flowers: sepals linear-lanceolate, 5–8 mm long; petals 8–14 mm long with black-dotted margins. Capsule 5–8 mm long with brown seeds (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Habitat

Grassland, open forest, pastures, roadsides; valleys, montane (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Yellow Iris - *Iris pseudacorus*

http://FieldGuide.mt.gov/detail_PMIRI090T0.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Stems clumped, 35–90 cm. Leaves basal and cauline, 5–60 cm × 6–15 mm. Inflorescence of 3 to 10 flowers, often branched above; spathes 4–7 cm long; the outer keeled; pedicels 2–4 cm long. Flowers: sepals 5–6 cm long, yellow with brown penciling; petals yellow, ca. 3 cm long; lobes of style branches yellow, fringed, ca. 5 mm long. Capsule obovoid, 3-angled, 3–7 cm long (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Habitat

Marshes, wet meadows, irrigation ditches; valleys (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Dyer's Woad - *Isatis tinctoria*

http://FieldGuide.mt.gov/detail_PDBRA1K010.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Glaucous biennial with a woody, branched taproot. Stems erect, simple, 30–100 cm. Basal leaves petiolate, oblanceolate, 5–18 cm long, entire. Stem leaves lanceolate, sessile, auriculate. Vestiture hirsute with simple hair at the stem base, otherwise glabrous. Inflorescence a branched panicle, each raceme ebracteate. Flowers yellow; petals 2.5–3.5 mm long. Fruit narrowly oblong, blunt-tipped, flattened, 12–18 mm long, lacking a septum; style lacking; seed solitary; pedicel reflexed down, 6–10 mm long (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Habitat

Grasslands, steppe, roadsides; valleys (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Lenspod Whitetop - *Lepidium chalepense*

http://FieldGuide.mt.gov/detail_PDBRA0L021.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Rhizomatous perennial. Stems erect, simple, 20–60 cm. Basal leaves oblong to oblanceolate, dentate, 3–12 cm long. Stem leaves auriculate clasping. Vestiture pubescent with simple hairs below, glabrous in the inflorescence. Flowers white; petals 3–4 mm long; stamens 6. Fruits compressed globose, glabrous, 2–5 mm long, not notched; style 1–2 mm long, pedicels 8–15 mm long, glabrous (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Habitat

Fields, roadsides, streambanks; plains, valleys (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Whitetop - *Lepidium draba*

http://FieldGuide.mt.gov/detail_PDBRA0L020.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Perennial similar to *L. chalepense*. Stems 20–50 cm. Fruits glabrous, cordate at the base, broader below than above, 2–4 mm long, not notched; style 1–1.5 mm long, pedicels 5–12 mm long, glabrous (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Habitat

Most abundant in irrigated fields with saline soil, roadsides; valleys (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Broad-leaf Pepper-grass - *Lepidium latifolium*

http://FieldGuide.mt.gov/detail_PDBRA1M0J0.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Glabrous, rhizomatous perennial. Stems 40–100 cm, erect, branched. Basal leaves petiolate; the blade narrowly elliptic, serrate, withered by flowering time. Stem leaves becoming sessile. Flowers white; petals 1.5–2 mm long; stamens 6. Fruit ovate, 2–3 mm long, pubescent, not notched; style =0.1 mm long; pedicels 2–5 mm long, ascending, glabrous (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Habitat

Fields, pastures, roadsides; valleys (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Oxeye Daisy - *Leucanthemum vulgare*

http://FieldGuide.mt.gov/detail_PDAST5V040.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Rhizomatous perennial. Stems erect, usually simple, 20–80 cm. Herbage glabrate. Leaves basal and cauline, alternate; basal long-petiolate, the blades obovate, shallowly lobed or crenate, 1–4 cm long; cauline oblanceolate, becoming sessile, 1–4 cm long. Heads radiate, solitary; peduncles 3–20 cm long. Involucre hemispheric, 1–2 cm wide; phyllaries imbricate in 2 to 4 series, lanceolate, green with brown scarious margins; receptacle nearly flat, glabrous. Rays 15 to 35, female, fertile; ligules white, 1–2 cm long. Disk flowers numerous, perfect corolla yellow, 2–3 mm long; style branches flattened. Pappus absent. Achenes cylindric, 1–3 mm long, ribbed, glabrous (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Habitat

Roadsides, fields, meadows, often in forest openings or pastures converted from forest; valleys, montane (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Dalmatian Toadflax - *Linaria dalmatica*

http://FieldGuide.mt.gov/detail_PDSCR110F0.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: G5

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Rhizomatous perennial, producing prostrate, rooting stems from the caudex. Stems erect, branched, 40–80 cm. Leaves ovate, acute, waxy, 2–5 cm long, sessile, clasping. Flowers: calyx 6–12 mm long, lobes lanceolate; corolla yellow, 12–24 mm long, the straight spur an additional 11–17 mm long, lower lip 5–11 mm long, reflexed down, palate white- or orange-tomentose. Capsule 7–8 mm long. Fields, roadsides, grasslands, often in stony soil; plains, valleys (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Habitat

Fields, roadsides, grasslands, often in stony soil; plains, valleys (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Butter-and-eggs - *Linaria vulgaris*

http://FieldGuide.mt.gov/detail_PDSCR110E0.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Taprooted perennial. Stems clustered, erect, mostly simple, 15–60 cm. Leaves numerous, linear-oblongate, 1–5 cm long. Flowers: calyx 3–5 mm long, lobes lanceolate; corolla yellow, 10–18 mm long, the straight spur an additional 8–14 mm long; lower lip 6–9 mm long, reflexed down with a high orange palate. Capsule 6–8 mm long (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Habitat

Roadsides, meadows, grasslands; plains, valleys, montane (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Purple Loosestrife - *Lythrum salicaria*

http://FieldGuide.mt.gov/detail_PDLYT090B0.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: G5

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Stems 50–150 cm. Herbage glabrate to pubescent. Leaves cordate-based, narrowly lanceolate, 3–10 cm long. Inflorescence a terminal, leafy-bracteate interrupted spike; flowers several in bract axils. Flowers: hypanthium puberulent, 4–5 mm long; sepals ca. 0.5 mm long with longer appendages; petals 7–11 mm long; stamens ca. 12, exserted (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Habitat

Marshes, ponds margins, streams; valleys (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Eurasian Water-milfoil - *Myriophyllum spicatum*

http://FieldGuide.mt.gov/detail_PDHAL040B0.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Stems branched, tawny when dry. Leaves 4- to 5-whorled, to 25 mm long, divided into 24 to 50 filiform segments. Bracts 1–3 mm long, smaller than fruits. Female flowers with a vestigial calyx and corolla; bracts entire to pectinate. Male flowers with small, deciduous, pink petals; bracts narrowly ovate, entire; stamens 8. Mericarps 2–3 mm long (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Habitat

Open water of reservoirs; valleys (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Japanese Knotweed - *Polygonum cuspidatum*

http://FieldGuide.mt.gov/detail_PDPGN0L0U0.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Dioecious, rhizomatous perennial. Stems erect, branched, 1–2 m. Leaves petiolate; the blades ovate, 8–20 cm long with pointed tips and a truncate base; stipules brown, glabrous, 4–6 mm long. Flowers apparently perfect but functionally unisexual, 5–7 mm long with a tubular base, numerous in stipulate, axillary panicles; pedicels spreading, 3–5 mm long; tepals white to pink. Achene shiny-brown, 2–4 mm long, 3-sided, enclosed by an inflated perianth

Habitat

Gardens, streambanks; valleys (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Giant Knotweed - *Polygonum sachalinense*

http://FieldGuide.mt.gov/detail_PDPGNOL230.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

Bohemian Knotweed - *Polygonum x bohemicum*

http://FieldGuide.mt.gov/detail_PDPGN0L3A0.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNA

State Rank: SNA

AGENCY STATUS

USFWS:

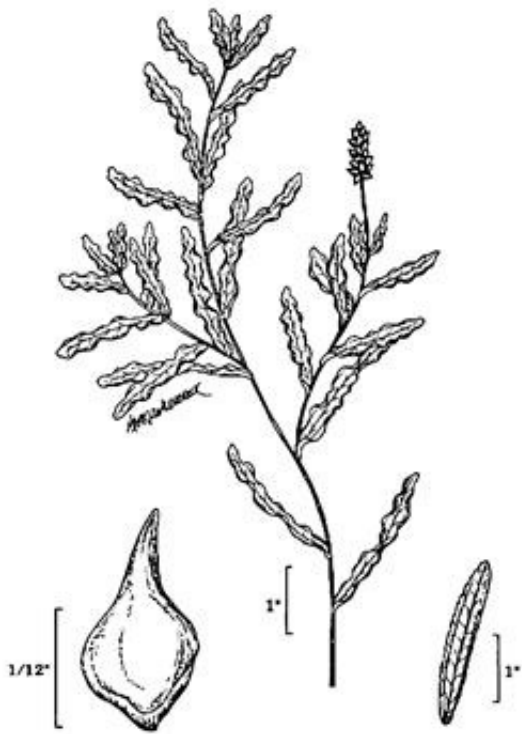
USFS:

BLM:

Number of Observations: 0

Curly Pondweed - *Potamogeton crispus*

http://FieldGuide.mt.gov/detail_PMPOT03060.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: G5

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Plants producing turions. Stems flattened, branched. Submersed leaves linear-oblong with serrate, wavy margins, sessile with a clasping base, 3–8 cm × 4–10 mm; stipules 3–7 mm long, shredding early. Floating leaves absent. Spikes 1–2 cm long, continuous. Tepals yellowish, ca. 1 mm long. Fruits 5–6 mm long, keeled with a straight beak (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Habitat

Shallow to deep, fresh or saline water of ponds, lakes, slow streams; plains, valleys (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).PLACEHOLDER (field is currently blank)

Sulphur Cinquefoil - *Potentilla recta*

http://FieldGuide.mt.gov/detail_PDROS1B1K0.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Perennial from a simple to branched caudex. Stems erect, hirsute to hispid, 20–50 cm. Leaf blades suborbicular, palmately divided into 5 to 7 lanceolate, dentate leaflets, 2–7 cm long, spreading hairy. Inflorescence open, flat-topped, hispid. Flowers: sepals lanceolate, strongly veined, 4–7 mm long; bracteoles similar; petals light yellow, 6–10 mm long, longer than the sepals. Achenes ridged with thickened margins, ca. 1 mm long (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Habitat

(Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX). Grasslands, meadows, pastures, disturbed forests; plains; valleys, montane

Tall Buttercup - *Ranunculus acris*

http://FieldGuide.mt.gov/detail_PDRANOL030.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: G5

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Stems 25–80 cm, erect with hirsute foliage. Basal leaf blades pentagonal, 3–6 cm long, ternate, the sessile leaflets deeply lobed into oblong, dentate segments. Flowers numerous in a diffuse inflorescence; petals 8–10 mm, twice as long as the hirsute sepals. Achenes glabrous, 2–3 mm long with a curved beak 0.5 mm long; head globose, 6–9 mm high (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Habitat

Moist meadows, especially irrigated hay fields, and along roads, less abundant in wildland habitats; valleys, occasionally higher (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Tansy Ragwort - *Senecio jacobaea*

http://FieldGuide.mt.gov/detail_PDAST8H1U0.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Short-lived, taprooted perennial. Stems erect, 20–80 cm. Herbage sparsely arachnoid. Leaves mainly cauline at flowering; blades narrowly oblanceolate, deeply divided into dentate lobes, 4–20 cm long, becoming sessile above. Inflorescence corymbiform with 10 to 60 heads. Heads radiate; involucre 4–6 mm high; phyllaries ca. 13, glabrous. Rays ca. 13; ligules 6–10 mm long. Disk corollas 4–5 mm long. Achenes 1–2 mm long, puberulent (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Habitat

Disturbed soil of open forest, meadows, often associated with timber harvest or fire; valleys (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Salt-cedar - *Tamarix ramosissima*

http://FieldGuide.mt.gov/detail_PDTAM01080.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Deciduous shrubs. Stems slender, numerous from a branched caudex, 1–5 m with thin, reddish-brown bark. Leaves alternate, clasping, succulent, broadly lanceolate, scale-like, 1–2 mm long. Inflorescence spikelike, bracteate racemes 15–40 mm long. Flowers perfect, regular, hypogenous; sepals 5, separate, =1 mm long, petals separate, pink, ovate, ca. 2 mm long; stamens 5; stigmas 3 to 4. Fruit a many-seeded capsule 3–4 mm long; seeds with an apical tuft of hairs (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Habitat

Terraces, saline meadows along rivers, streams, ponds; plains (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Common Tansy - *Tanacetum vulgare*

http://FieldGuide.mt.gov/detail_PDAST92050.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Stems erect, 40–120 cm, unbranched below the inflorescence. Herbage glabrate. Leaf blades 5–15 cm long, pinnately divided into lanceolate, serrate to sharply lobed leaflets. Involucre 5–10 mm across; phyllaries in 2 to 3 subequal series. Rays absent. Disk corollas 1–3 mm long. Achenes 1–2 mm long, cylindric, 4- to 5-angled (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Habitat

Moist, disturbed meadows, often along streams; plains, valleys (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).
